

## Product datasheet for **MR225286L4V**

### Opn4 (NM\_013887) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Opn4 (NM_013887) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Opn4
Synonyms:	1110007J02Rik; Gm533
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013887
ORF Size:	1563 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225286).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_013887.2</a> , <a href="#">NP_038915.1</a>
RefSeq Size:	2156 bp
RefSeq ORF:	1566 bp
Locus ID:	30044
UniProt ID:	<a href="#">Q9QXZ9</a>
Cytogenetics:	14 B
Gene Summary:	Photoreceptor required for regulation of circadian rhythm. Contributes to pupillar reflex and other non-image forming responses to light. May be able to isomerize covalently bound all-trans retinal back to 11-cis retinal.[UniProtKB/Swiss-Prot Function]



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